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WHAT IS CLAIMED IS:

- Sub 910
1. A disposable diaper comprising:
a cover member having front and rear waist regions and
5 a crotch region;

a body fluid absorbent member attached to an inner side
of said cover member;

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said body fluid absorbent member extending in a
longitudinal direction across said crotch region into said
10 front and rear waist regions, having front and rear end portions
fixed to the inner surface of said cover member at said front
and rear end portions thereof; and

15 said body fluid absorbent member including, a liquid-
pervious topsheet to be placed against a wearer's body, a
backsheet to be placed against said inner surface of said cover
member and a body fluid absorbent core disposed between these
two sheets and being formed on a side of said backsheet with
grooves concaved in a direction from said backsheet toward said
topsheet and extending in a predetermined.

20

- Sub 911
2. A disposable diaper according to claim 1, wherein said
grooves extend in at least one of said longitudinal direction
and a direction being orthogonal to said longitudinal

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direction.

Sub a12
a12
3. The disposable diaper according to Claim 1, wherein said groove comprises a first groove extending in said longitudinal direction across said crotch region into said front and rear waist regions and a second groove extending in said direction orthogonal to the first groove so that said first and second grooves intersect one another and said second groove extends to transversely opposite side edge portions of said body fluid absorbent member.

Sub a13
a13
4. The disposable diaper according to Claim 1, wherein said body fluid absorbent member is formed on the side of said topsheet with a third groove concaved in a direction from said topsheet toward said backsheet and extending in said longitudinal direction across said crotch region into said front and rear trunk regions.

Sub a14
a14
5. The disposable diaper according to Claim 4, wherein said third groove is positioned substantially in the same position as conformity to that of said first groove.

Sub a15
a15
6. The disposable diaper according to Claim 3, wherein said

~~e is disposed
d second groove~~

Sub 916 ⁵

~~Disposable diaper according to the sorbent member is detailed~~

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$\frac{d}{dt} \left(\frac{\partial L}{\partial v^i} \right) = \frac{\partial L}{\partial x^i}$

Printed:

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